WS-6922

HD Satellite Finder Meter

USER'S MANUAL

HD Satellite Finder Meter

WS-6922

USER'S MANUAL

CONTENTS

Product Description

1.Guide ----------2
1.1 Face Panel & Button ----------3
1.2 Power On/Off ----------4
1.3Power Supply & Battery ----------4
2. Menu ----------4
2.1 Satellite Find----------5
2.2 Multimedia ---------- 9
2.3 System Setting----------10
2.4 Angle Calculation----------12
2.5 Shortout Buttons----------14
3. Specifications ----------17
4.Warning ----------18
5.Product Standard Package ----------20

THE PROFESSIONAL EQUIPMENT----------|USER'S MANUAL|

Product Description

Using WS6922 can receive DVB-S and DVB-S2 signal. It's very convenient for installer to catch quick and accurate alignment for antenna to the best position.

WS 6922uses microprocessor controller with reliable and stable performance. When it is turned on , channel picture , signal strength and signal quality will be showed on LCD screen. And also big menu window can be selected for data figure.

WS 6922 displays EL/AZ, CBER/VBER, S/N, signal strength and lock sound alarm

WS 6922 can detect very weak signal and provide antenna power（OFF/13V/18V）. It's with auto

WS 6922 has the AV in and AV out function.
WS 6922 assist with key backlighting, flashlight

WS 6922 uses the 12V power adapter. It includes 8.4V3000mAH high capacity LI-ION battery which can work for more than 2 hours when it is fully charged.

1.GUIDE

1.1Panel keypads

NO.	Name	Function
1	signal input port	connect antenna
2	LCD screen	shows menu and image of programs
3	lock indicator light	This light will be on when signal is locked.
4	charge light	This light will be on when it is charging and off when it is full.
5	power light	the light will be on when the meter is on.
6	flashlight holes	flashlight
7	13/18V light	Horizontal/vertical switching output instructions
8	F1 F2 F3 F4 key	funtion key
9	◀▲▼▶ OK key	Arrow key uses to move cursor and OK key usesto confirm.
10	MENU key	Shows main menu and return to previous menu
11	EXIT key	to cancel and exit from the present menu.
12	0-9 numerical keys	to enter numerical parameter setting
13	BEEP	Singal lock alarm
14	B.Light KEY	Swithch LCD display
15	MUTE	to turn on or turn off the sound
16	TV/Radio KEY	Press to switch between TV and radio
17	M.INFO KEY	Multi-channel display shortcuts
18	INFO KEY	To show parameter of current channel
19	USB PORT	Port for Upgrade or connecting to multimedia
20	Power Connection port	Port for connecting to external power supply
21	Power Connection port	to turn on and turn off the meter's power
22	AV OUT	audio and vedio output
23	AV IN	audio and vedio input

1.2 Power On/Off

To turn on the meter when Power Switch moves to I position.

To turn off the meter when Power Switch moves to 0 position.

Please turn off the meter to charge the meter in time when system information for showing low power popes up.

1.3Power Supply and Battery

It's used with 12V 1.5A Power Adaptor. It charges through external power when battery is out of power.

It's used with 8.4V 3000 mAH Lithium Battery. It needs 4 hours charging time by connecting power adaptor with external power or car charging. After it's full charge, it works for more than 5 hours (It also depends on the load of external antenna).

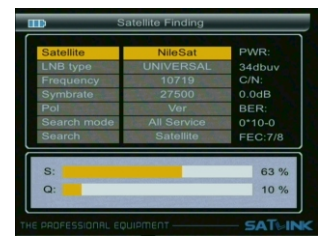
Notice: For initial charge, please make battery fully-charged(We suggest it charge for 8 hours).

2.MENU

Press " MENU" key to enter into main menu, and

use Arrow key to move cursor, and then press "OK" key to select sub-menu.

2.1Satellite Find



2.1.1 Satellite

Press "OK " button to enter can be change the satellite name and the current frequency

2.1.2 LNB Type

Press "OK" button enter next menu

2.1.2.1 Motor

press ◄ ► button Select Motor mode.
(OFF、USALS、DisEqC 1.2)

2.1.2.2 LNB Power

press ◄ ► button Select LNB Power
(OFF、18、13、13/18)

2.1.2.3 LNB style

press ◄ ► button Select LNB style
(Single、UNIVERSAL、ONE CABLE)

2.1.2.4 The vibration frequency

press ◄ ► button Select vibration frequency
(5150、9750、10000、10050、10600、10750、11200、11250、11300、11475)

2.1.2.5 22Khz switchy

press ◄ ► button Select 22Khz switch (OFF、ON)

2.1.2.6 Switch type

press ◄ ► button Select Switch type
(None、DisEqC 1.0、DisEqC 1.1)

2.1.2.7 Frequency

Use the numerical button to input Freq Value for Down Freq

2.1.2.8 SymbRate

Use the numerical button to input Value for Symbol Rate

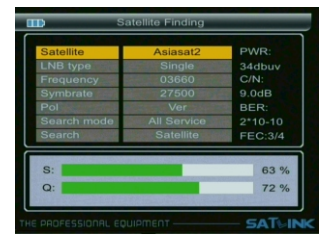
2.1.2.9 Pol

press ◄ ► button Select Polar Mode (VER、HOR)

2.1.2.9 Search Mode

press ◄ ► button Choose search method (ALL Service、FAT Only、TV Only)

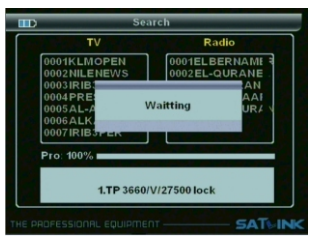
Set parameters, and press "OK" button to enter the Sub-menu, and then align direction of antenna according to the interface parameters.



2.1.7 Search

press ◄ ► button choose search mode
(Satellite、Transporder) , press "OK" go to search

Program automatically save the search is complete return to the previous menu.

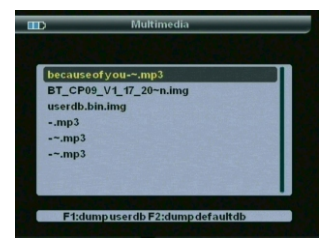


2.2 Multimedia

Media Player must be external memory into the USB port. Ortherwise , there will be USB Device is not Find screen.

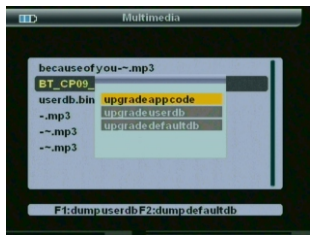
2.2.1 Play music in MP3 format

Press the done button to select MP3 songs , according to the ok button to play MP3



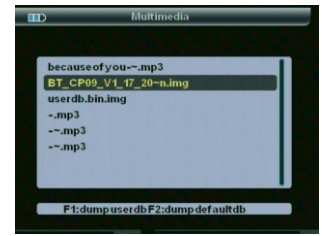
2.2.2 System upgrade

choose the file named “img” suffix press “OK” button, suggesting to upgrade “app” or “user ddb” , press up and down button , press ok confirmed,comfired once again prompted to confirm the upgrade , press “OK” button to start the upgrade , upgrade do not power off.

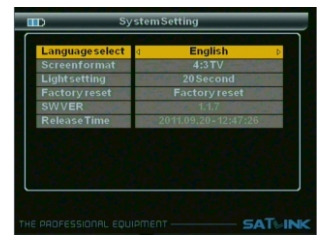


2.2.3 Download the current user database

Usb interface , press the F1 key , you can download the current user database 。according satellite tp tools to produce there own default satellite database



2.3 system setting



2.3.1 Language Select

Choose a kinds of menu languages

2.3.2 Screen format

screen output format slect （4：3TV、16：9TV）

2.3.3 Light setting

Button backlight delay slect switch
（OFF、5 Second、10 Second、20 Second）

2.3.4 Factory reset

Press “OK” key , software return back factory set

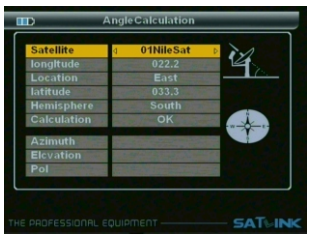
2.3.5 S W VER

display software version number

2.3.6 Release Time

display software setting time

2.4 Angle Calculation



2.4.1 Satellite

Press OK key , choose satellite

2.4.2 Longitude

enter local longitude by number key

2.4.3 Location

choose local west .east of position

2.4.4 Latitude & Hemisphere

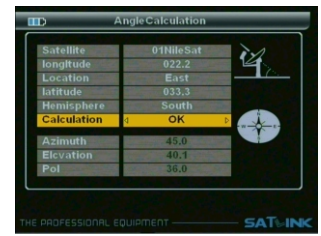
enter local latitude by number key

2.4.5 Hemisphere

choose local west .east of position

2.4.6 Calculation

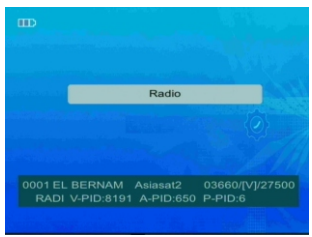
press the “OK” button to calculate the current parameters（Azimuh、Elcvation、POL）



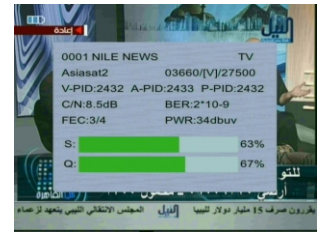
2.5 Shortcut Buttons

2.5.1 In the broadcase , press “OK” button to enter the lower menu , follow the prompts

2.5.2 in the broadcast, press the “TV/Radio” button , to achieve TV/Radio feature conversion。



2.5.3 In the broadcast , press “INFO” button to enter next menu, follow the prompts



2.5.4 Press “F2” button choose signal indicate voice for turn on or turn off

2.5.5 Press “MUTE” button to turn on or turn off the sound.

2.5.5 Press ▬● over 2 second OFF/ON flashlight.

Specifications

System	Fully DVB compliant	yes
LNB input	connector	F type feminin
	frequency range	950MHz-2150MHz
	signal level	-65dBm~-25dBm
	LNB power supply	13/18V, max 350mA
	LNB switch control	22KHz
	DiSEqC	Ver 1.0/ 1.1/1.2
Demodulator	Front end	QPSK(S);QPSK,8PSK, 16APSK,32APSK(S2)
	Modulation range	2Mbps~45Mbps
	SCPC OR MCPC	both yes
System resource	processor	32bit processor (133MHz)
	FLASH	8Mbyte (64MHz)
	SDROM	16*16Mbyte (DDR1)
	Data rate speed	up to 15M bits/s
	Resolution	720*576,720*480
	Vedio format	PAL/NTSC/SECAM
	Type	Mono
	sampling rates	32,44.1 48KHz
Data interface	connector	USB
Power supply	LI-ION battery	3000 mA
	Supply voltage	8.4Volt
	Charger	100-220V
Physical characteritics	Mesurement	9.5x15.5x4.5 (cm)
	Weight(net weight)	0.5 Kg

Handing Precautions and Prohibitions of Battery in Sat Meter

Warning:

一、 You are using Lithimum ion batteries and Lickel metal hydride batteries.So Please don't work under high temprature or high pressure condition. If the following items happened,abnormal chemical reaction mey occur which will lead to the battery overheat,emit smoke,ignite and/or burst.

1.Incinerate and dispose the battery in fire or heat it.
2.Pierce the battery with a nail or other sharp objects. Strike it with a hammer or step on it.
3.Immerse the batttery with water or connect the positive (+) and negative
4.Connect the positive (+) and negative (-)terminals with other metal objects, such as necklaces hair pins and so on.

The battery is only applicable to the charger which supplied or appointed by the manufacturer of this machine.

(二) The battery is only applicable to the charger which supplied or appointed by the manufacturer of this machine.

1.The battery should be stored within a temprature range of 0℃ to 40℃.
2.The battery is expendable. When stored for a long time, charge the battery at least once per half month so as to prevent over discharge.

Handling:

Please use the battery only supplied by the manufacturer, otherwise it will destroy the battery.
Please do not put the battery in fire or dispose it together with garbage.
Please contact the waste administrative institute to cope with waste battery carefully.

5.Product Standard Package

AV lable

Car chargercable

Power

Carrying case

Carrying case

THE PROFESSIONAL EQUIPMENT----------|USER'S MANUAL|